

Specification - Contract Management (RPO)

Version/ Review Date	Brief Summary of Changes From Prior Version
Version 3.1 04/21/2005	<ul style="list-style-type: none"> • Made DOC_BFY in PO_DOC_HDR required. • Made DOC_FY_DC in PO_DOC_ACTG required. • Made DOC_PER_DC in PO_DOC_ACTG required. • Stylistic changes (e.g., section numbering)
Version 3.0 02/03/04	<ul style="list-style-type: none"> • Page 28 : Updated the Event Types to be used with the RPO transaction. PR08 will be used for multi-year encumbrances. • Page 30 : PROG_CD is a 10 character field
Version 2.0 11/11/03	<ul style="list-style-type: none"> • Page 6, 13, 24: PO_DOC_SUBVEND component must be placed <i>after</i> the PO_DOC_COMM component, rather than before • Page 7: AMS_DOCUMENT root element for Document Import Mode is : DOC_IMPORT_MODE • Page 8: RQSTR_NM, RQSTR_PH_NO and RQSTR_EMAIL_AD cannot be interfaced since they are inferred from RQSTR_ID • Page 8: DOC_NM and DOC_DSCR are required fields • Page 9: Added a new required field: BRD_AWD_NO to use for the RFR Number. • Page 9: Added two new attributes: RECUR_PYMT_TYP and SCHED_CD • Page 17: SVC_END_DT and SVC_STRT_DT are always required regardless of the Line Type • Page 26: BFY, FY_DC, PER_DC are all required fields on the accounting lines • Page 29: Added two new attributes: CHK_DSCR (which is a required field) and SP_INST_CD • Page 30: Added the Reserved Funding attribute RS_FNDG_IND, with description • Page 30, 31, 32: Updated examples with the new attributes
Version 1.0 7/24/03	<ul style="list-style-type: none"> • Original
	<ul style="list-style-type: none"> •

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1. Overview

1.1. Document Definitions and Naming Conventions

This section describes/defines the DTD naming conventions applied in this document.

Transaction Layout Definitions

- Attribute – The name of the data element in the database, as well as the name of the XML tag.
- Caption – The label on the User Interface that defines the data element.
- Description – A textual description of the data element.
- R/C – Required/Conditional. Required specifies that the data element is required by the interface for the transaction to successful submit. Conditional means that specified conditions must be adhere to by the interface for the transaction to successful submit. No value specifies that the data element is optional by the interface for the transaction to submit.
- Type – The data type of the data element.
 - VarChar – Variable Character text. Alphanumeric data.
 - Byte – Unsigned character.
 - Char – Character. Fixed length alphanumeric text, required to meet the exact specified size.
 - Date – Date Format YYYY-MM-DD
 - Decimal – Numeric value with a specified decimal position (9,3) = 999999999.999
 - Boolean –True/False. True conditions = "true", False conditions = "false".
 - Memo – Alphanumeric Text with a maximum of 1500 characters.
 - Currency – Numeric, with two decimal positions. Format 9999.99.
 - Integer – Numeric value, whole number.
 - Long – Numeric value, a long whole number.
- Size – The (numeric) size of the data element
- NewMMARS Notes – Notes specific to the NewMMARS data element.
- MMARS Derivation Notes – Notes specific to translating MMARS document layout data to NewMMARS.

- **H**.TEXT – Data element from the header or document section of the MMARS document layout.
- **L**.TEXT – Data element from the line or detail section of the MMARS document layout.

XML Definitions and Conventions

- Root - The NewMMARS XML file and document root declaration identifies required root elements that must contain for the XML file or document (transaction) to load into NewMMARS. The NewMMARS XML file must contain a single root element that contains specified attributes, at the file level. Each document transactions contained within the XML file must also contain a root element that contains the specified attributes, at the document level.
- Attributes - Attributes are name-value pairs that occur inside start-tags after the element name.
- Elements - Elements are the most common form of markup. Delimited by angle brackets, most elements identify the nature of the content they surround. Elements normally begins with a start-tag, <element>, and ends with an end-tag, </element>.
- CDATA Tags - In a document, CDATA instructs the parser to ignore (most) markup characters. Between the start of the section, <![CDATA[and the end of the section,]>, all character data is passed directly to the application, without interpretation. Elements, entity references, comments, and processing instructions are all unrecognized and the characters that comprise them are passed “literally” to the application.

1.2. Document Usage

Several departments generate and modify service contracts directly in their own independent external systems. These departments interface both SC and SM documents to MMARS. Both new and modifications to service contracts must be tracked in NewMMARS. Service Contracts in MMARS fall in one of the following categories:

- Vendor specific Service Contract with a Recurring Payment schedule ID
- Vendor specific Service Contract without a Recurring Payment schedule ID
- MSA-Vendor Service Contract (Contracts with Vendor Code = “MSAVENDOR”)
- Open Order Service Contract

In MMARS, departments modifying contracts would interface key information, such as Contract ID, Vendor Code and Accounting Line Number, along with the actual field they are modifying, such as the Line Amount.

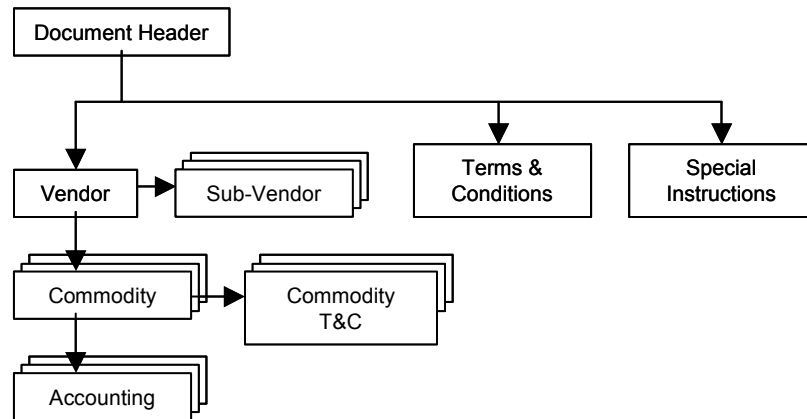
In NewMMARS, different document codes will be used for different SC types. A [Recurring Payment Order \(RPO\)](#) will be used for Service Contracts set up for recurring payment. A Contract (CT) will be used for vendor specific service contracts that are not set up for recurring payment, as well as for “Open Order” encumbrances. A Requisition (RQS) will be used for service contracts where the vendor code is “MSAVENDOR”.

Additionally, departments modifying CT, RPO and RQS transactions will need to provide a components key fields along with the required changes.

This document discusses the RPO transaction.

NewMMARS Transaction	MMARS Transaction
RQS	SC/SM with vendor code "MSAVENDOR" Or SC/SM open order
CT	SC/SM with no recurring payment schedule ID Or SC/SM open order (no MA reference allowed)
RPO	SC/SM with recurring payment schedule ID

The RPO will have the following logical document structure:



2. Publishable Specification

2.1. Transaction Layout: RPO (Original Entry and Modification)

		Action Code		Component Description
		OE	MOD	
Document Component	AMS_DOCUMENT	R	R	XML file root element.
	PO_DOC_HDR	R	CR	Lists general information associated with the entire procurement.
	PO_DOC_VEND	R	R	Lists selected Vendor for providing the goods/services. Vendors are selected from a pick list that is populated by the Vendor/Customer (VCUST) table.
	PO_DOC_TCLIST	O	O	Lists the terms and conditions associated with the procurement.
	PO_DOC_SPIS	O	O	Lists the instructions associated with the order. The Special Instructions (SPIS) table is used to establish "pre-established" special instructions for selection on this detail section.
	PO_DOC_COMM	R	R	Lists all service commodities associated with the document.
	PO_DOC_TCCOMM	O	O	Lists terms and conditions associated with only the selected commodity line.
	PO_DOC_SUBVEND	O	O	Lists sub-vendor or sub-contractors associated with the procurement. Commodity lines are not linked to the sub-vendors.
	PO_DOC_ACTG	R	CR	Lists the accounting funds for each commodity line.

R – Required

CR – Conditionally Required: Required only if modifying a field within that component

O - Optional

2.2. RPO AMS_DOCUMENT root element attributes

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DOC_CAT	Document Category	The category in which the document is located.	R	VarChar	8	Value: •PROC	

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DOC_TYP	Document Type	The type of document, defined in the Document Type table. Each document code must be assigned a document type.	R	VarChar	8	Value: • PO	
DOC_CD	Document Code	The alpha-numeric identification code assigned to the document on the Document Control table.	R	VarChar	8	Value: • RPO	
DOC_DEPT_CD	Department Code	The department code assigned to this document.	R	VarChar	4	Examples: • DSS • DMH Must be valid on DEPT.	DOC_DEPT_CODE = H.TRANS-DEPT
DOC_UNIT_CD	Unit Code	The unit code associated with this document.	R	VarChar	4	Examples: • 1000 • 2000 Must be valid on UNIT.	Departmental crosswalk to be used from H.TRANS-ORG to DOC_UNIT_CD
DOC_ID	Document Id	The document ID to identify this document.	R	VarChar	20	<ul style="list-style-type: none"> • Must begin with "INTF" • Remaining 16 characters must be used w/ no blanks • Must be unique if new 	If H.TRANS-CODE = "SC" DOC_ID must be unique If H.TRANS-CODE = "SM" DOC_ID must be equivalent to original This is an expansion to H.TRANS-NUMBER
DOC_VERS_NO	Document Version Number	The version number assigned to this document. The version is incremented with each modification draft and after with a cancellation.	R	Integer		For new transaction always = "1" For modifications = next sequential version number	If H.TRANS-CODE = "SC" Then DOC_VERS_NO = "1" If H.TRANS-CODE = "SM" Then DOC_VERS_NO = next sequential version number
DOC_IMPORT_MODE	Document Import Mode	The import mode determining the phase of the document on import.	R	VarChar	4	"OE" = Original Entry "MOD" = Modification	If H.TRANS-CODE = "SC" Then DOC_IMPORT_MOD = "OE" If H.TRANS-CODE = "SM" Then DOC_IMPORT_MOD = "MOD"

2.3. RPO Document Component: PO_DOC_HDR

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DOC_CAT	Document Category	The category in which the document is located.	R	VarChar	8	Same as in AMS_DOCUMENT	

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DOC_TYP	Document Type	The type of document, defined in the Document Type table. Each document code must be assigned a document type.	R	VarChar	8	Same as in AMS_DOCUMENT	
DOC_CD	Document Code	The alpha-numeric identification code assigned to the document on the Document Control table.	R	VarChar	8	Same as in AMS_DOCUMENT	
DOC_DEPT_CD	Department Code	The department code assigned to this document.	R	VarChar	4	Same as in AMS_DOCUMENT	
DOC_UNIT_CD	Unit Code	The unit code associated with this document.	R	VarChar	4	Same as in AMS_DOCUMENT	
DOC_ID	Document Id	The document ID to identify this document.	R	VarChar	20	Same as in AMS_DOCUMENT	
DOC_VERS_NO	Document Version Number	The version number assigned to this document. The version is incremented with each modification draft and after with a cancellation.	R	Integer		Same as in AMS_DOCUMENT	
DOC_REC_DT_DC	Record Date	The record date manually entered on the document header. If not manually entered, the date becomes the one when the document was submitted successfully.		Date			
DOC_NM	Document Name	Name for the document.	R	VarChar	60		
DOC_BFY	Budget FY	When on the header of a document, this is the default budget fiscal year that will be pushed to all accounting lines. When on any other level of a document, it is just a means of getting the header value to the accounting lines. This default value will become the accounting line's budget fiscal year where one is not manually entered or defaulted from a reference document.	R	Integer			
DOC_FY	Fiscal Year	The fiscal year associated with this document.	R	Integer			
DOC_PER_DC	Period	The manually entered accounting period for a document in draft. If not manually entered, the field remains blank until the document is submitted successfully. At this point it was set to the current accounting period. This field will be automatically blanked out by the application on any	R	Integer			

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
		modification or cancellation draft.					
DOC_DSCR	Document Description	The description associated with the document.	R	VarChar	60		
RQSTR_ID	Requestor ID	The user id of the person or department requesting the goods or services.	R	VarChar	16	• Must be valid on USER table	
ISSR_ID	Issuer ID	The user id of the person or department issuing the procurement for goods or services.	R	VarChar	16	Must be valid on USER table	
AGREE_DOC_CD	Agreement Code	The identification code assigned to the agreement.	C	VarChar	8	Required if referencing a Master Agreement	
AGREE_DOC_DEPT_CD	Agreement Dept	The department identification code associated with the agreement.	C	VarChar	4	Required if referencing a Master Agreement	
AGREE_DOC_ID	Agreement ID	The unique identification code assigned to the agreement.	C	VarChar	20	Required if referencing a Master Agreement	
AGREE_VEND_LN_NO	Agree Vendor Line	The vendor line number associated with the agreement.	C	Integer		Required if referencing a Master Agreement	
BRD_AWD_NO	Board Award Number	The unique identification number indicating board approval.	R			Enter the Request for Response, RFR, Number.	
BRD_AWD_DT	Board Award Date	The date of board approval					
RECUR_PYMT_TYP	Recurring Payment Type		R	Integer		Values: 1 – Non-Reconciling 2 – Reconciling	
SCHED_CD	Recurring Payment Schedule		R			Must be valid on RPSCHD	

2.4. RPO Document Component: PO_DOC_VEND

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DOC_CAT	Document Category	The category in which the document is located.	R	VarChar	8	Same as in AMS_DOCUMENT	

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DOC_TYP	Document Type	The type of document, defined in the Document Type table. Each document code must be assigned a document type.	R	VarChar	8	Same as in AMS_DOCUMENT	
DOC_CD	Document Code	The alpha-numeric identification code assigned to the document on the Document Control table.	R	VarChar	8	Same as in AMS_DOCUMENT	
DOC_DEPT_CD	Department Code	The department code assigned to this document.	R	VarChar	4	Same as in AMS_DOCUMENT	
DOC_UNIT_CD	Unit Code	The unit code associated with this document.	R	VarChar	4	Same as in AMS_DOCUMENT	
DOC_ID	Document Id	The document ID to identify this document.	R	VarChar	20	Same as in AMS_DOCUMENT	
DOC_VERS_NO	Document Version Number	The version number assigned to this document. The version is incremented with each modification draft and after with a cancellation.	R	Integer		Same as in AMS_DOCUMENT	
DOC_VEND_LN_NO	Vendor Line Number	The vendor line number visible to a user that uniquely identifies each vendor line within a document.	R	Integer		Value: • 1	
VEND_CUST_CD	Vendor Customer	The unique identifier assigned to the vendor/customer.	C	VarChar	20	This is a required field. If MA or RQS, with valid vendor code, is referenced, the value is inferred. Must be valid on VCUST table. 12 characters will be used in NewMMARS. Examples: • VC0000000001 • VC0000000022	
AD_ID	Address Code	The Address Code or ID given to a unique address for a vendor or customer. The use of different Address Codes will allow a single vendor or customer code to have multiple addresses.	C	VarChar	20	This is a required field. If left blank it will default to the default Procurement AD_ID of VEND_CUST_CD set on VCUST. 5 characters will be used in NewMMARS. Examples: • AD001 • AD005	

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
CNTAC_ID	Vendor Contact ID	The unique identification number assigned to the contact. The use of different contact ID's will allow a single vendor or customer code to have multiple contacts.		VarChar	20	If left blank and VEND_CUST_CD has a default defined on VCUST, a valid value for CNTAC_ID is inferred. 5 characters will be used in NewMMARS. Examples: <ul style="list-style-type: none"> PC001 PC005 	
PRIN_CNTAC	Vendor Contact Name	The vendor's procurement contact.	C	VarChar	60	This is a required field. However, if vendor code has a valid CNTAC_ID, this field is inferred.	
VOICE_PH_NO	Vendor Contact Phone	The telephone number associated with the contact.	C	VarChar	30	This is a required field. However, if vendor code has a valid CNTAC_ID, this field is inferred.	
DISC_1_DY	Days	The number of days from the Invoice Date (or Transaction Date if Invoice Date is not entered), that the corresponding Discount Percentage will be used		Integer			
DISC_2_DY	Days	The number of days from the Invoice Date (or Transaction Date if Invoice Date is not entered), that the corresponding Discount Percentage will be used		Integer			
DISC_3_DY	Days	The number of days from the Invoice Date (or Transaction Date if Invoice Date is not entered), that the corresponding Discount Percentage will be used		Integer			
DISC_4_DY	Days	The number of days from the Invoice Date (or Transaction Date if Invoice Date is not entered), that the corresponding Discount Percentage will be used		Integer			
DISC_1_PC	Discount 1 %	The percentage to be used to calculate the discount amount if the payment is made within the specified number of days.		Decimal	"(7,4)"		
DISC_2_PC	Discount 2 %	The percentage to be used to calculate the discount amount if the payment is made within the specified number of days.		Decimal	"(7,4)"		

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DISC_3_PC	Discount 3 %	The percentage to be used to calculate the discount amount if the payment is made within the specified number of days.		Decimal	"(7,4)"		
DISC_4_PC	Discount 4 %	The percentage to be used to calculate the discount amount if the payment is made within the specified number of days.		Decimal	"(7,4)"		
DISC_ALW_1_FL	Disc Alw	When selected, indicates that all other subsequent discount terms no longer apply. The discount always applies, even if the number of net days has passed. Default is cleared. Only one of the discount always flags can be selected at any given time.		Boolean			
DISC_ALW_2_FL	Disc Alw	When selected, indicates that all other subsequent discount terms no longer apply. The discount always applies, even if the number of net days has passed. Default is cleared. Only one of the discount always flags can be selected at any given time.		Boolean			
DISC_ALW_3_FL	Disc Alw	When selected, indicates that all other subsequent discount terms no longer apply. The discount always applies, even if the number of net days has passed. Default is cleared. Only one of the discount always flags can be selected at any given time.		Boolean			
DISC_ALW_4_FL	Disc Alw	When selected, indicates that all other subsequent discount terms no longer apply. The discount always applies, even if the number of net days has passed. Default is cleared. Only one of the discount always flags can be selected at any given time.		Boolean			

2.5. RPO Document Component: PO_DOC_TCLIST

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DOC_CAT	Document	The category in which the document is	R	VarChar	8	Same as in AMS_DOCUMENT	

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
	Category	located.					
DOC_TYP	Document Type	The type of document, defined in the Document Type table. Each document code must be assigned a document type.	R	VarChar	8	Same as in AMS_DOCUMENT	
DOC_CD	Document Code	The alpha-numeric identification code assigned to the document on the Document Control table.	R	VarChar	8	Same as in AMS_DOCUMENT	
DOC_DEPT_CD	Department Code	The department code assigned to this document.	R	VarChar	4	Same as in AMS_DOCUMENT	
DOC_UNIT_CD	Unit Code	The unit code associated with this document.	R	VarChar	4	Same as in AMS_DOCUMENT	
DOC_ID	Document Id	The document ID to identify this document.	R	VarChar	20	Same as in AMS_DOCUMENT	
DOC_VERS_NO	Document Version Number	The version number assigned to this document. The version is incremented with each modification draft and after with a cancellation.	R	Integer		Same as in AMS_DOCUMENT	
DOC_TCLIST_LN_NO	Line	The line number associated with the terms and conditions item.	R	Integer		Line numbering begins at 1 and is incremental for additional lines.	
TC_NO	T & C	The unique identification code for the terms and conditions record.	R	VarChar	6	Must be valid on TRMC.	
TC_ICORP	Inc by	Indicates whether reference terms and conditions information (all but the terms and conditions detail information) or all terms and conditions information (including the terms and conditions detail information) is printed on the solicitation or award.	R	Integer		Values: 1 – By full text 2 – By Reference	

2.6. RPO Document Component: PO_DOC_SPIS

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DOC_CAT	Document	The category in which the document is	R	VarChar	8	Same as in AMS_DOCUMENT	

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
	Category	located.					
DOC_TYP	Document Type	The type of document, defined in the Document Type table. Each document code must be assigned a document type.	R	VarChar	8	Same as in AMS_DOCUMENT	
DOC_CD	Document Code	The alpha-numeric identification code assigned to the document on the Document Control table.	R	VarChar	8	Same as in AMS_DOCUMENT	
DOC_DEPT_CD	Department Code	The department code assigned to this document.	R	VarChar	4	Same as in AMS_DOCUMENT	
DOC_UNIT_CD	Unit Code	The unit code associated with this document.	R	VarChar	4	Same as in AMS_DOCUMENT	
DOC_ID	Document Id	The document ID to identify this document.	R	VarChar	20	Same as in AMS_DOCUMENT	
DOC_VERS_NO	Document Version Number	The version number assigned to this document. The version is incremented with each modification draft and after with a cancellation.	R	Integer		Same as in AMS_DOCUMENT	
DOC_SPIS_LN_NO	Special Instruction Line	The line number associated with the Special Instruction Item.	R	Integer		Line numbering begins at 1 and is incremental for additional lines.	
SP_INST_CD	Special Instructions Code	The unique code for the Special Instructions record stored on the Special Instructions table. This field holds up to 4 characters of text.	R	VarChar	4	Must be valid on SPIS.	

2.7. RPO Document Component: PO_DOC_COMM

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DOC_CAT	Document Category	The category in which the document is located.	R	VarChar	8	Same as in AMS_DOCUMENT	
DOC_TYP	Document Type	The type of document, defined in the Document Type table. Each document code must be assigned a document type.	R	VarChar	8	Same as in AMS_DOCUMENT	

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DOC_CD	Document Code	The alpha-numeric identification code assigned to the document on the Document Control table.	R	VarChar	8	Same as in AMS_DOCUMENT	
DOC_DEPT_CD	Department Code	The department code assigned to this document.	R	VarChar	4	Same as in AMS_DOCUMENT	
DOC_UNIT_CD	Unit Code	The unit code associated with this document.	R	VarChar	4	Same as in AMS_DOCUMENT	
DOC_ID	Document Id	The document ID to identify this document.	R	VarChar	20	Same as in AMS_DOCUMENT	
DOC_VERS_NO	Document Version Number	The version number assigned to this document. The version is incremented with each modification draft and after with a cancellation.	R	Integer		Same as in AMS_DOCUMENT	
DOC_VEND_LN_NO	Vendor Line Number	The vendor line number visible to a user that uniquely identifies each vendor line within a document.	R	Integer		Value: • 1	
DOC_COMM_LN_NO	Line	The commodity line number visible to a user that uniquely identifies each commodity line within a document.	R	Integer		Line numbering begins at 1 and is incremental for additional lines.	
RF_DOC_CD	Commodity Ref Code	The identification code for the document referenced by this transaction.	C	VarChar	8	Required if referencing a pre-encumbrance. Values: • RQS	
RF_DOC_DEPT_CD	Commodity Ref Dept	The department code of the referenced document.	C	VarChar	4	Required if referencing a pre-encumbrance.	
RF_DOC_ID	Commodity Ref ID	The identification number of the document being referenced.	C	VarChar	20	Required if referencing a pre-encumbrance	
RF_DOC_COMM_LN_NO	Commodity Ref Commodity Line	A commodity line number that was, or is, being referenced by another document's commodity line. This line number is part of the identification needed for accounting line referencing.	C	Integer		Required if referencing a pre-encumbrance	
COMM_CD	Commodity	The identification code assigned to the commodity.	R	VarChar	14	This is a required field. If Master Agreement or pre-encumbrance, with valid vendor code, is referenced, the value is inferred. Must be valid on COMM table. UNSPSC codes to be used.	

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DSCR_EXT	Extended Description	The extended description associated with this line.		Memo			
LN_TYP	Line Type	Indicates if the commodity line is for an item or a service.	R	Integer		1 – Item 2 – Service Use 1 to specify rate and unit. Use 2 to specify a maximum obligation amount.	
QTY	Quantity	The number of units.	C	Decimal	"(15, 5)"	Required if LN_TYP = 1 Item Total = Unit Price * Quantity. The Item Total must be equal to the total of all Accounting lines referencing this commodity line.	
UNIT_MEAS_CD	Unit	The identification code assigned to the unit of measure.	C	VarChar	4	Required if LN_TYP = 1 Must be valid on UOM.	
RF_TYP	Ref Type	Defines the type of reference being performed against the specified referenced transaction line. "Final" closes the referenced line, meaning additional references are not allowed. "Partial" and "Memo" do not close the referenced line, allowing additional transactions to reference this line.		Integer		Values: 1 – Partial 2 – Final Required if referencing a pre-encumbrance. Default Value = 1	
UNIT_PRICE	Unit Price	The cost per unit of the goods.	C	Decimal	"(14, 6)"	Required if LN_TYP = 1 Item Total = Unit Price * Quantity. The Item Total must be equal to the total of all Accounting lines referencing this commodity line.	
LST_UNIT_PRICE	List Price	The unit price listed for an item in a referenced catalog.	C	Decimal	"(14,6)"	Required if LN_TYP = 1 and MA referenced is of LN_TYP = 3 (Discount)	
SHIP_LOC_CD	Shipping Location	The location code associated with the shipping location.		VarChar	6	Can be required based on PRDOC setting. Must be valid on the PLOC table.	
DLVR_DT	Delivery Date	The date the delivery is expected.	C	Date		Required if LN_TYP = 1	
SHIP_INFO	Additional Info	Additional shipping information that is specific to the shipping location for this		Memo			

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
		item.					
SHIP_METH_CD	Shipping Method	The unique identification code of the method of shipping used for delivery of this item.		VarChar	3	Can be required based on PRDOC setting. Must be valid on SHPMETH.	
FREE_BRD_CD	Free On Board	The identification code for the Free on Board shipping option.		VarChar	3	Can be required based on PRDOC setting. Must be valid on FRBD.	
DLVR_TYP	Delivery Type	The delivery type for this item.		Integer		Can be required based on PRDOC setting. Must be valid on DLVRTYP.	
BILL_LOC_CD	Billing Location	The location where the Invoices are sent.		VarChar	6	Can be required based on PRDOC setting. Must be valid on the PLOC table.	
BILL_INFO	Additional Info	Additional information associated with the billing address.		Memo			
CNTRC_AM	Contract Amount	The contract amount from the payment request document.	C	Currency		Required if LN_TYP = 2. The Contract Amount must be equal to the total of all Accounting lines referencing this commodity line.	
AGREE_COMM_LN_NO	Agreement Comm Line	The commodity line number associated with the agreement.	C	Integer		Required if referencing a Master Agreement	
SVC_END_DT	Service To	The ending date of service for this solicitation.	R	Date			SVC_END_DT = TO-DAY + TO-MONTH + TO-YEAR
SVC_STRT_DT	Service From	The starting date of service for this solicitation.	R	Date			SVC_STRT_DT = FROM-DAY + FROM-MONTH + FROM-YEAR
RTG_LWR_LMT_AM_1	Range 1 From \$	The lower end of the first dollar amount range for retainage term that determines if any payment amount towards the contract commodity is retained.		Currency			
RTG_UPR_LMT_AM_1	To \$	The upper end of the first dollar amount range for retainage term that determines if any payment amount towards the contract commodity is retained. If the payment amount towards this contract is between the lower and upper limit, the payment amount is retained according to the value defined in the corresponding retainage amount field.		Currency			

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
RTG_LWR_LMT_PC_1	From %	The lower end of the first percentage amount range for retainage term that determines if any payment amount towards the contract commodity is retained.		Decimal	"(5,2)"		
RTG_UPR_LMT_PC_1	To %	The upper end of the first percentage amount range for retainage term that determines if any payment amount towards the contract commodity is retained. If the payment amount towards this contract is between the lower and upper limit, the payment amount is retained according to the value defined in the corresponding retainage amount field.		Decimal	"(5,2)"		
RTG_AM_1	Retain \$	The retainage amount withheld when a payment is made towards the commodity of the contract for the first retainage terms entered. Up to five sets of retainage terms can be entered for each commodity line of the contract.		Currency			
RTG_PC_1	Retain %	The percentage that is withheld from the payment of the contracted commodity for the first retainage terms entered. If the retainage lower and upper limit percentile is evaluated to be true, this percentage is used to calculate the retainage amount on the payment request document. Up to five sets of retainage terms can be entered for each commodity line of the contract.		Decimal	"(5,2)"		
RTG_LWR_LMT_AM_2	Range 2 From \$	The lower end of the second dollar amount range for retainage term that determines if any payment amount towards the contract commodity is retained.		Currency			
RTG_UPR_LMT_AM_2	To \$	The upper end of the second dollar amount range for retainage term that determines if any payment amount towards the contract commodity is retained. If the payment amount towards this contract is between the lower and upper limit, the payment amount is retained according to the value defined in the corresponding retainage amount field.		Currency			
RTG_LWR_LMT_PC_2	From %	The lower end of the second percentage amount range for retainage term that		Decimal	"(5,2)"		

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
		determines if any payment amount towards the contract commodity is retained.					
RTG_UPR_LMT_PC_2	To %	The upper end of the second percentage amount range for retainage term that determines if any payment amount towards the contract commodity is retained. If the payment amount towards this contract is between the lower and upper limit, the payment amount is retained according to the value defined in the corresponding retainage amount field.		Decimal	"(5,2)"		
RTG_AM_2	Retain \$	The retainage amount withheld when a payment is made towards the commodity of the contract for the second retainage terms entered. Up to five sets of retainage terms can be entered for each commodity line of the contract.		Currency			
RTG_PC_2	Retain %	The percentage that is withheld from the payment of the contracted commodity for the second retainage terms entered. If the retainage lower and upper limit percentile is evaluated to be true, this percentage is used to calculate the retainage amount on the payment request document. Up to five sets of retainage terms can be entered for each commodity line of the contract.		Decimal	"(5,2)"		
RTG_LWR_LMT_AM_3	Range 3 From \$	The lower end of the third dollar amount range for retainage term that determines if any payment amount towards the contract commodity is retained.		Currency			
RTG_UPR_LMT_AM_3	To \$	The upper end of the third dollar amount range for retainage term that determines if any payment amount towards the contract commodity is retained. If the payment amount towards this contract is between the lower and upper limit, the payment amount is retained according to the value defined in the corresponding retainage amount field.		Currency			
RTG_LWR_LMT_PC_3	From %	The lower end of the third percentage amount range for retainage term that determines if any payment amount towards the contract commodity is retained.		Decimal	"(5,2)"		

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
RTG_UPR_LMT_PC_3	To %	The upper end of the third percentage amount range for retainage term that determines if any payment amount towards the contract commodity is retained. If the payment amount towards this contract is between the lower and upper limit, the payment amount is retained according to the value defined in the corresponding retainage amount field.		Decimal	"(5,2)"		
RTG_AM_3	Retain \$	The retainage amount withheld when a payment is made towards the commodity of the contract for the third retainage terms entered. Up to five sets of retainage terms can be entered for each commodity line of the contract.		Currency			
RTG_PC_3	Retain %	The percentage that is withheld from the payment of the contracted commodity for the third retainage terms entered. If the retainage lower and upper limit percentile is evaluated to be true, this percentage is used to calculate the retainage amount on the payment request document. Up to five sets of retainage terms can be entered for each commodity line of the contract.		Decimal	"(5,2)"		
RTG_LWR_LMT_AM_4	Range 4 From \$	The lower end of the fourth dollar amount range for retainage term that determines if any payment amount towards the contract commodity is retained.		Currency			
RTG_UPR_LMT_AM_4	To \$	The upper end of the fourth dollar amount range for retainage term that determines if any payment amount towards the contract commodity is retained. If the payment amount towards this contract is between the lower and upper limit, the payment amount is retained according to the value defined in the corresponding retainage amount field.		Currency			
RTG_LWR_LMT_PC_4	From %	The lower end of the fourth percentage amount range for retainage term that determines if any payment amount towards the contract commodity is retained.		Decimal	"(5,2)"		
RTG_UPR_LMT_PC_4	To %	The upper end of the fourth percentage amount range for retainage term that		Decimal	"(5,2)"		

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
		determines if any payment amount towards the contract commodity is retained. If the payment amount towards this contract is between the lower and upper limit, the payment amount is retained according to the value defined in the corresponding retainage amount field.					
RTG_AM_4	Retain \$	The retainage amount withheld when a payment is made towards the commodity of the contract for the fourth retainage terms entered. Up to five sets of retainage terms can be entered for each commodity line of the contract.		Currency			
RTG_PC_4	Retain %	The percentage that is withheld from the payment of the contracted commodity for the third retainage terms entered. If the retainage lower and upper limit percentile is evaluated to be true, this percentage is used to calculate the retainage amount on the payment request document. Up to five sets of retainage terms can be entered for each commodity line of the contract.		Decimal	"(5,2)"		
RTG_LWR_LMT_AM_5	Range 5 From \$	The lower end of the fifth dollar amount range for retainage term that determines if any payment amount towards the contract commodity is retained.		Currency			
RTG_UPR_LMT_AM_5	To \$	The upper end of the fifth dollar amount range for retainage term that determines if any payment amount towards the contract commodity is retained. If the payment amount towards this contract is between the lower and upper limit, the payment amount is retained according to the value defined in the corresponding retainage amount field.		Currency			
RTG_LWR_LMT_PC_5	From %	The lower end of the fifth percentage amount range for retainage term that determines if any payment amount towards the contract commodity is retained.		Decimal	"(5,2)"		
RTG_UPR_LMT_PC_5	To %	The upper end of the fifth percentage amount range for retainage term that determines if any payment amount towards the contract commodity is retained. If the		Decimal	"(5,2)"		

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
		payment amount towards this contract is between the lower and upper limit, the payment amount is retained according to the value defined in the corresponding retainage amount field.					
RTG_AM_5	Retain \$	The retainage amount withheld when a payment is made towards the commodity of the contract for the fifth retainage terms entered. Up to five sets of retainage terms can be entered for each commodity line of the contract.		Currency			
RTG_PC_5	Retain %	The percentage that is withheld from the payment of the contracted commodity for the fifth retainage terms entered. If the retainage lower and upper limit percentile is evaluated to be true, this percentage is used to calculate the retainage amount on the payment request document. Up to five sets of retainage terms can be entered for each commodity line of the contract.		Decimal	"(5,2)"		
DISC_1_DY	Days	The number of days from the Invoice Date (or Transaction Date if Invoice Date is not entered), that the corresponding Discount Percentage will be used		Integer			
DISC_2_DY	Days	The number of days from the Invoice Date (or Transaction Date if Invoice Date is not entered), that the corresponding Discount Percentage will be used		Integer			
DISC_3_DY	Days	The number of days from the Invoice Date (or Transaction Date if Invoice Date is not entered), that the corresponding Discount Percentage will be used		Integer			
DISC_4_DY	Days	The number of days from the Invoice Date (or Transaction Date if Invoice Date is not entered), that the corresponding Discount Percentage will be used		Integer			
DISC_1_PC	Discount 1 %	The percentage to be used to calculate the discount amount if the payment is made within the specified number of days.		Decimal	"(7,4)"		
DISC_2_PC	Discount 2 %	The percentage to be used to calculate the discount amount if the payment is made		Decimal	"(7,4)"		

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
		within the specified number of days.					
DISC_3_PC	Discount 3 %	The percentage to be used to calculate the discount amount if the payment is made within the specified number of days.		Decimal	"(7,4)"		
DISC_4_PC	Discount 4 %	The percentage to be used to calculate the discount amount if the payment is made within the specified number of days.		Decimal	"(7,4)"		
DISC_ALW_1_FL	Disc Alw	When selected, indicates that all other subsequent discount terms no longer apply. The discount always applies, even if the number of net days has passed. Default is cleared. Only one of the discount always flags can be selected at any given time.		Boolean			
DISC_ALW_2_FL	Disc Alw	When selected, indicates that all other subsequent discount terms no longer apply. The discount always applies, even if the number of net days has passed. Default is cleared. Only one of the discount always flags can be selected at any given time.		Boolean			
DISC_ALW_3_FL	Disc Alw	When selected, indicates that all other subsequent discount terms no longer apply. The discount always applies, even if the number of net days has passed. Default is cleared. Only one of the discount always flags can be selected at any given time.		Boolean			
DISC_ALW_4_FL	Disc Alw	When selected, indicates that all other subsequent discount terms no longer apply. The discount always applies, even if the number of net days has passed. Default is cleared. Only one of the discount always flags can be selected at any given time.		Boolean			
RECUR_PYMT_AM	Recurring Payment Amount		R	Currency			
RECUR_PYMT_QTY	Recurring Payment Quantity			Decimal			

2.8. RPO Document Component: PO_DOC_TCCOMM

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DOC_CAT	Document Category	The category in which the document is located.	R	VarChar	8	Same as in AMS_DOCUMENT	
DOC_TYP	Document Type	The type of document, defined in the Document Type table. Each document code must be assigned a document type.	R	VarChar	8	Same as in AMS_DOCUMENT	
DOC_CD	Document Code	The alpha-numeric identification code assigned to the document on the Document Control table.	R	VarChar	8	Same as in AMS_DOCUMENT	
DOC_DEPT_CD	Department Code	The department code assigned to this document.	R	VarChar	4	Same as in AMS_DOCUMENT	
DOC_UNIT_CD	Unit Code	The unit code associated with this document.	R	VarChar	4	Same as in AMS_DOCUMENT	
DOC_ID	Document Id	The document ID to identify this document.	R	VarChar	20	Same as in AMS_DOCUMENT	
DOC_VERS_NO	Document Version Number	The version number assigned to this document. The version is incremented with each modification draft and after with a cancellation.	R	Integer		Same as in AMS_DOCUMENT	
DOC_VEND_LN_NO	Vendor Line Num	The vendor line number visible to a user that uniquely identifies each vendor line within a document.	R	Integer		Value: • 1	
DOC_COMM_LN_NO	Commodity Line Num	The commodity line number visible to a user that uniquely identifies each commodity line within a document.	R	Integer		Must reference valid Commodity Line Number.	
DOC_TCCOMM_LN_NO	Line	The line number visible to a user that uniquely identifies each T&C commodity line within a document.	R	Integer		Line numbering begins at 1 and is incremental for additional lines.	
TC_NO	T & C	The unique identification code for the terms and conditions record.	R	VarChar	6	Must be valid on TRMC.	
TC_ICORP	Inc by	Indicates whether reference terms and conditions information (all but the terms and conditions detail information) or all terms and conditions information (including the	R	Integer		Values: 1 – By full text 2 – By reference	

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
		terms and conditions detail information) is printed on the solicitation or award.					

2.9. RPO Document Component: PO_DOC_SUBVEND

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DOC_CAT	Document Category	The category in which the document is located.	R	VarChar	8	Same as in AMS_DOCUMENT	
DOC_TYP	Document Type	The type of document, defined in the Document Type table. Each document code must be assigned a document type.	R	VarChar	8	Same as in AMS_DOCUMENT	
DOC_CD	Document Code	The alpha-numeric identification code assigned to the document on the Document Control table.	R	VarChar	8	Same as in AMS_DOCUMENT	
DOC_DEPT_CD	Department Code	The department code assigned to this document.	R	VarChar	4	Same as in AMS_DOCUMENT	
DOC_UNIT_CD	Unit Code	The unit code associated with this document.	R	VarChar	4	Same as in AMS_DOCUMENT	
DOC_ID	Document Id	The document ID to identify this document.	R	VarChar	20	Same as in AMS_DOCUMENT	
DOC_VERS_NO	Document Version Number	The version number assigned to this document. The version is incremented with each modification draft and after with a cancellation.	R	Integer		Same as in AMS_DOCUMENT	
DOC_SUBVEND_LN_NO	Line Number	This field indicates the line number for each sub-vendor.	R	Integer		Line numbering begins at 1 and is incremental for additional lines.	
VEND_CUST_CD	Vendor Customer	The unique identifier assigned to the vendor/customer.	R	VarChar	20	Must be valid on VCUST table	
VEND_PC	Percentage	Indicates the percentage of the Award that goes to the sub-vendor.		Decimal	"(7,4)"		
ADDL_INFO	Additional Information	Any additional information about this item.		Memo			

2.10. RPO Document Component: PO_DOC_ACTG

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DOC_CAT	Document Category	The category in which the document is located.	R	VarChar	8	Same as in AMS_DOCUMENT	
DOC_TYP	Document Type	The type of document, defined in the Document Type table. Each document code must be assigned a document type.	R	VarChar	8	Same as in AMS_DOCUMENT	
DOC_CD	Document Code	The alpha-numeric identification code assigned to the document on the Document Control table.	R	VarChar	8	Same as in AMS_DOCUMENT	
DOC_DEPT_CD	Department Code	The department code assigned to this document.	R	VarChar	4	Same as in AMS_DOCUMENT	
DOC_UNIT_CD	Unit Code	The unit code associated with this document.	R	VarChar	4	Same as in AMS_DOCUMENT	
DOC_ID	Document Id	The document ID to identify this document.	R	VarChar	20	Same as in AMS_DOCUMENT	
DOC_VERS_NO	Document Version Number	The version number assigned to this document. The version is incremented with each modification draft and after with a cancellation.	R	Integer		Same as in AMS_DOCUMENT	
DOC_VEND_LN_NO	Vendor Line Number	The vendor line number visible to a user that uniquely identifies each vendor line within a document.	R	Integer		Value: • 1	
DOC_COMM_LN_NO	Line	The commodity line number visible to a user that uniquely identifies each commodity line within a document.	R	Integer		Must reference valid Commodity Line Number.	
DOC_ACTG_LN_NO	Line	The accounting line number visible to a user that uniquely identifies each accounting line within a document.	R	Integer		Line numbering begins at 1 and is incremental for additional lines.	
BFY	Budget FY	The budget fiscal year with which this calendar date is associated. Must be valid on the Fiscal Year page.	R	Integer			

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
FY_DC	Fiscal Year	The fiscal year on an accounting document that defaults to the current year or is manually entered by a user, which is used to look up options, validate codes, and ultimately records accounting entries. This date is automatically cleared by the system when a modification or cancellation is done.	R	Integer			
PER_DC	Period	The accounting period manually entered or loaded offline on a document's accounting line. The field is also populated when an accounting period is entered or loaded offline to the header that defaults to all accounting lines. If not manually or offline loaded, the field is set to the current period when the document reaches the final state. This period value is what is written to all journals and ledgers. This field is reset to blanks when a cancellation or modification is done.	R	Integer			
ACTG_TMPL_ID	Accounting Template	The unique identification code assigned to the accounting template. Accounting templates are used to bring in chart of account element codes for ease of data entry on documents.		VarChar	6	Must be valid on ACTPL.	
LN_AM	Line Amount	The amount of an individual record of a document component, be it the header, vendor line, commodity line, accounting line, budget line, or allotment. The amount could also be the amount recorded to a table that tracks document updates such as the Statement Detail table or a journal.	R	Currency		The Total of all Accounting line amounts must equal the total of the commodity line amount they reference.	LN_AM = L.LINE-AMOUNT
RF_TYP	Ref Type	Defines the type of reference being performed against the specified referenced transaction line. "Final" closes the referenced line, meaning additional references are not allowed. "Partial" and "Memo" do not close the referenced line, allowing additional transactions to reference this line.		Integer		Values: 1 – Partial 2 – Final Required if referencing a pre-encumbrance. Default Value = 1	
RFED_ACTG_LN_NO	Ref Accounting Line	The accounting line number from the referenced document.	C	Integer		Required if referencing a pre-encumbrance	

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
EVNT_TYP_ID	Event Type	The alpha-numeric identification code assigned to an event type. Each event type ID must be unique within the application. It is required when completing any accounting or budgeting document with the exception of certain journal vouchers. Default event types can be established on the Allowable Event Types for Document Code table for each document code for the most commonly used ones to reduce data entry.	R	VarChar	4	EVNT_TYP_ID = "PR05" if Accounting Event Type. EVNT_TYP_ID = "PR08" for Multi Year Encumbrances.	
FUND_CD	Fund	The identification code associated with a fund record, which is an essential part of a governmental accounting system. Values may be entered as a chart of account element on a budget or accounting document. The Fund may also be used as a selection criteria on an input parameter. The Fund may be entered to associate rules with a fund that are designated on other tables than the fund table. Lastly, it can be the fund recorded on a historical record.	C	VarChar	4	This is a required field. However if a valid accounting template is referenced, the field could be inferred. Can also be inferred if valid RQS is referenced. Must be valid on FUND.	FUND_CD = "0" + L.FUND
SFUND_CD	Sub Fund	The identification code associated with the sub-fund.	C	VarChar	4	Must be valid on SFUND.	SFUND_CD = L.REPORTING-CATEGORY
OBJ_CD	Object	The identification code associated with an object of expenditure. Object is a fund accounting Chart of Accounts element. These codes can then be used to create expense budgets, track spending activity, trigger business rules, and serve as selection criteria for batch jobs.	C	VarChar	4	This is a required field. However if a valid ACTG_TMPL_ID is referenced, the field could be inferred. Can also be inferred if valid RQS is referenced. Must be valid on OBJ.	OBJ_CD = L.OBJECT
SOBJ_CD	Sub Object	The identification code associated with the sub-object. Sub-object is a fund accounting Chart of Accounts element.	C	VarChar	4	Must be valid on SOBJ.	SOBJ_CD = L.SUB-OBJECT
DEPT_CD	Department	An identification code assigned to an central organizational level element where the decentral structure is set. The department field may be used as an input field on a document, an additional key to another chart of account element, a selection criteria on a parameter table, a	C	VarChar	4	This is a required field. However if a valid ACTG_TMPL_ID is referenced, the field could be inferred. Can also be inferred if valid RQS is referenced.	DEPT_CD = L.DEPARTMENT

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
		key to a specific business rule on a control table, a field to be inferred on a document, or the department value on a historical record.				Must be valid on DEPT.	
UNIT_CD	Unit	Unit is the lowest organizational level in the main organizational structure. Only sub unit is lower, but it is not necessarily required as unit is. At the unit level, all the organizational elements it reports to are defined so that they are inferred to accounting documents. Unit codes themselves can be values entered on budgeting and accounting documents, keys to business rule tables, and values seen in historical records.	C	VarChar	4	This is a required field. However if a valid ACTG_TMPL_ID is referenced, the field could be inferred. Can also be inferred if valid RQS is referenced. Must be valid on UNIT.	UNIT_CD = L.XORGANIZATION (Cross-walk needed)
APPR_CD	Appr	The identification code assigned to a single appropriation unit. An appropriation is a budgeting Chart of Accounts element. The appropriation field may be used as an input field on a document, a selection criteria on a parameter table, a key to a specific business rule on a control table, a field to be inferred on a document, or the appropriation value on a historical record.	C	VarChar	9	This is a required field. However if a valid ACTG_TMPL_ID is referenced, the field could be inferred. Can also be inferred if valid RQS is referenced. Must be valid on APPR.	APPR_CD = L.APPR (Cross-walk needed)
LOC_CD	Location	The identification code assigned to the location. Location is a programmatic Chart of Accounts element.	C	VarChar	4	Must be valid on LOC.	
SLOC_CD	Sub Location	The identification code associated with the sub-location.	C	VarChar	4	Must be valid on SLOC.	
ACTV_CD	Activity	The identification code associated with the activity. An activity is an internal program that you want to define for budgeting and/or reporting purposes. Activities can cut across agency and fund boundaries.	C	VarChar	4	Must be valid on ACTV.	
SACTV_CD	Sub Activity	The identification code associated with the sub-activity.	C	VarChar	4	Must be valid on SACTV.	
FUNC_CD	Function	The identification code associated with the function. The function code defines broad operational objectives, such as instruction, support services, and facilities acquisition.	C	VarChar	4	Must be valid on FUNC.	
SFUNC_CD	Sub	The identification code associated with the		VarChar	4	Must be valid on SFUNC.	

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
	Function	sub-function.					
RPT_CD	Reporting Code	The reporting code element is a programmatic element that can be used in many different ways for measurement and tracking. It is even used as an informal cost accounting entity at times. It can be used on all accounting documents and is stored in journals and optionally in ledgers.	C	VarChar	10	Must be valid on RPT.	
SRPT_CD	Sub Reporting Code	Sub reporting codes are used to further define a specific reporting code.	C	VarChar	4	Must be valid on SRPT.	
DOBJ_CD	Dept Object	The identification code assigned to the Department object.	C	VarChar	4	Must be valid on DOBJ.	
TASK_CD	Task	The unique identification code assigned to the task.	C	VarChar	4	Must be valid on TASK.	
STASK_CD	Sub Task	The sub task is a means of breaking down tasks into smaller components.	C	VarChar	4	Must be valid on STASK.	
TASK_ORD_CD	Task Order	The unique identification code assigned to the task order.	C	VarChar	6	Must be valid on TASKORD.	
PROG_CD	Program	The identification code assigned to the program. Program is a cost accounting Chart of Accounts element. The program field may be used as an input field on a document, a selection criteria on a parameter table, a key to a specific business rule on a control table, a field to be inferred on a document, or the program value on a historical record.	C	VarChar	10	Must be valid on PROG.	
PHASE_CD	Phase	The identification code assigned to the phase. Phase is a cost accounting Chart of Accounts element representing a phase of a program.	C	VarChar	6	Must be valid on PHASE.	
ACTG_LN_DSCR	Line Description	The description associated with the line.		VarChar	100		
SP_INST_CD	Special Instructions	Special Instructions related to the payment.					
CHK_DSCR	Check Description	The text to be printed on the check stub.	R	Memo			

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
RS_FNDG_IND	Reserved Funding	<p>If the Reserved Funding flag is selected, the funds on this accounting line cannot be used for payments.</p> <p>The Reserved Funding field can have one of three values. The value of <i>No</i> indicates that an accounting line should be included in the normal flow of procurement to payment. When accounting lines should not be automatically included in that same document flow, there are two other values available: <i>Yes</i> and <i>Locked</i>. Accounting lines with either of those values are not automatically created by referencing commodity-based documents or copied forward by non-commodity documents. References to these two types of lines can still be made, but have to be manually created.</p> <p>The Reserved Funding value of <i>Yes</i> can be changed by a batch job for Contract Management, called Change Reserved Funding. The value of <i>Locked</i> will remain on an accounting line until manually changed. (Please refer to the <i>System Administration Guide – Part 2</i> document for more information on the Change Reserved Funding Process.)</p> <p>The Reserved Funding field exists in two different areas. On the Event Type table it is the default value to be inferred to an accounting line when the event type is entered there. The other area is on the accounting lines of certain document codes in the Requisition and Accounting Based Spending document types and on all document codes of the Purchase Order document type.</p>		Boolean			

3.Examples

3.1. New RPO Example 1 – XML layout with no references

This example is for a new RPO with one vendor line, one commodity line and one accounting line. Vendor Code "VC00000019", Commodity Code "07000", Line Type Service, Contract Amount \$6.00 and Service Dates are from 1/1/04 to 6/30/04. The Reconciling recurring payment schedule is \$1.00 per month.

```
<AMS_DOC_XML_IMPORT_FILE VERSION="1.0">
  <AMS_DOCUMENT DOC_CAT="PROC" DOC_TYP="PO" DOC_CD="RPO" DOC_DEPT_CD="DMH" DOC_UNIT_CD="6000"
DOC_ID="INTF_RPO_EXAMPLE_001" DOC_VERS_NO="1" DOC_IMPORT_MODE="OE">
  <PO_DOC_HDR AMSDataObject="Y">
    <DOC_CAT Attribute="Y"><![CDATA[PROC]]></DOC_CAT>
    <DOC_TYP Attribute="Y"><![CDATA[PO]]></DOC_TYP>
    <DOC_CD Attribute="Y"><![CDATA[RPO]]></DOC_CD>
    <DOC_ID Attribute="Y"><![CDATA[INTF_RPO_EXAMPLE_001]]></DOC_ID>
    <DOC_DEPT_CD Attribute="Y"><![CDATA[DMH]]></DOC_DEPT_CD>
    <DOC_VERS_NO Attribute="Y"><![CDATA[1]]></DOC_VERS_NO>
    <DOC_UNIT_CD Attribute="Y"><![CDATA[6000]]></DOC_UNIT_CD>
    <RQSTR_ID Attribute="Y"><![CDATA[sa]]></RQSTR_ID>
    <RQSTR_NM Attribute="Y"><![CDATA[System Admin]]></RQSTR_NM>
    <RQSTR_PH_NO Attribute="Y"><![CDATA[703-123-4567]]></RQSTR_PH_NO>
    <ISSR_ID Attribute="Y"><![CDATA[sa]]></ISSR_ID>
    <BRD_AWD_NO Attribute="Y"><![CDATA[12345]]></BRD_AWD_NO>
    <RECUR_PYMT_TYP Attribute="Y"><![CDATA[2]]></RECUR_PYMT_TYP>
    <SCHED_CD Attribute="Y"><![CDATA[ABCD]]></SCHED_CD>
  </PO_DOC_HDR>
  <PO_DOC_VEND AMSDataObject="Y">
    <DOC_CAT Attribute="Y"><![CDATA[PROC]]></DOC_CAT>
    <DOC_TYP Attribute="Y"><![CDATA[PO]]></DOC_TYP>
    <DOC_CD Attribute="Y"><![CDATA[RPO]]></DOC_CD>
    <DOC_ID Attribute="Y"><![CDATA[INTF_RPO_EXAMPLE_001]]></DOC_ID>
    <DOC_DEPT_CD Attribute="Y"><![CDATA[DMH]]></DOC_DEPT_CD>
    <DOC_VERS_NO Attribute="Y"><![CDATA[1]]></DOC_VERS_NO>
    <DOC_UNIT_CD Attribute="Y"><![CDATA[6000]]></DOC_UNIT_CD>
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```



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  <DOC_TYP Attribute="Y"><![CDATA[PO]]></DOC_TYP>
  <DOC_CD Attribute="Y"><![CDATA[RPO]]></DOC_CD>
  <DOC_ID Attribute="Y"><![CDATA[INTF_RPO_EXAMPLE_001]]></DOC_ID>
  <DOC_DEPT_CD Attribute="Y"><![CDATA[DMH]]></DOC_DEPT_CD>
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  <SVC_STRT_DT Attribute="Y"><![CDATA[2004-01-01]]></SVC_STRT_DT>
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</PO_DOC_ACTG>

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```

</AMS_DOCUMENT>
</AMS_DOC_XML_IMPORT_FILE>

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3.2. Modification RPO Example 2 – XML layout modification

This example modifies the previous RPO in one way:

- *Decrease the Service To date by one month*

```

<AMS_DOC_XML_IMPORT_FILE VERSION="1.0">
  <AMS_DOCUMENT DOC_CAT="PROC" DOC_TYP="PO" DOC_CD="RPO" DOC_DEPT_CD="DMH" DOC_UNIT_CD="6000"
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    <PO_DOC_COMM AMSDataObject="Y">
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      <DOC_TYP Attribute="Y"><![CDATA[PO]]></DOC_TYP>
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